

4. The peptide according to claim 1, wherein the amino acid at the C-terminus of the peptide is amidated.

5. The peptide according to claim 1, wherein the peptide further comprises a reversible modification that increases its bioavailability and facilitates its permeation through the blood brain barrier and epithelial tissue.

6. An isolated nucleic acid sequence encoding a peptide having an amino acid sequence selected from the amino acid sequence of SEQ. ID. NO. 2 or the amino acid sequence of SEQ. ID. NO. 3.

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7. The nucleic acid sequence according to claim 6, wherein said nucleic acid is selected from the group consisting of bicatenary DNA, monocatenary DNA and RNA.

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10. A cell which expresses a peptide having an amino acid sequence selected from the amino acid sequence of SEQ. ID. NO. 2 or the amino acid sequence of SEQ. ID. NO. 3.

11. A mixture of peptides comprising:

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a) at least a peptide having an amino acid sequence selected from the amino acid sequence of SEQ. ID. NO. 2 or the amino acid sequence of SEQ. ID. NO. 3; and

b) at least a peptide having an amino acid sequence consisting of 3 to 30 contiguous amino acids of SEQ. ID. NO. 4.

12. A mixture according to claim 11, comprising:

a) at least a peptide having an amino acid sequence selected from the amino acid sequence of SEQ. ID. NO. 2 or the amino acid sequence of SEQ. ID. NO. 3; and

b) at least a peptide having an amino acid sequence selected from the group consisting of amino acid sequence of SEQ. ID. NO. 5 and the amino acid sequence of SEQ. ID. NO. 6.

13. A cosmetic composition comprising

a cosmetically effective amount of a peptide having an amino acid sequence selected from the amino acid sequence of SEQ. ID. NO. 2 or the amino acid sequence of SEQ. ID. NO. 3 and

a cosmetically acceptable adjuvant.

14. The cosmetic composition according to claim 13, which further comprises, one or more peptides having an amino acid sequence consisting of 3 to 30 contiguous amino acids of SEQ. ID. NO. 4.

15. A method of treating face wrinkles and/or facial asymmetry comprising

applying a cosmetic composition comprising a cosmetically effective amount of a peptide having an amino acid sequence selected from the amino acid sequence of SEQ. ID. NO. 2 or the amino acid sequence of SEQ. ID. NO. 3 and a cosmetically acceptable adjuvant.

16. A pharmaceutical composition comprising

AJ a therapeutically effective amount of a peptide having an amino acid sequence selected from the group consisting of amino acid sequence of SEQ. ID. NO. 2 and the amino acid sequence of SEQ. ID. NO. 3 and

a pharmaceutically acceptable excipient.

17. The pharmaceutical composition according to claim 16, which farther comprises, one or more peptides having an amino acid sequence consisting of 3 to 30 contiguous amino acids of SEQ. ID. NO. 4.

18. The pharmaceutical composition according to claim 16, which further comprises, a drug selected from the group consisting of a neuronal glutamate receptor blocker, a calcium chelating agent, an antioxidant, a free radical scavenger and mixtures thereof.

19. The pharmaceutical composition according to claim 18, which further comprises one or more peptides having an amino acid sequence consisting of 3 to 30 contiguous amino acids of SEQ. ID. NO. 4.

20. A pharmaceutical composition comprising

a therapeutically effective amount of a vector comprising a nucleic acid sequence encoding a peptide having an amino acid sequence selected from the amino acid sequence of SEQ. ID. NO. 2 or the amino acid sequence of SEQ. ID. NO. 3 and

an adjuvant or a pharmaceutically acceptable excipient, or a mixture thereof.

21. A method of treating a disease and/or disorder mediated by pathological neuronal exocytosis comprising

administering a pharmaceutical composition comprising a therapeutically effective amount of a peptide having an amino acid sequence selected from the amino acid sequence of SEQ. ID. NO. 2 or the amino acid sequence of SEQ. ID. NO. 3 and a pharmaceutically acceptable excipient or an adjuvant or a mixture thereof.

22. A method of treating a disease and/or disorder mediated by pathological neuronal exocytosis, comprising

administering a pharmaceutical composition comprising a therapeutically effective amount of a vector comprising a nucleic acid sequence encoding a peptide having an amino acid sequence selected from the amino acid sequence of SEQ. ID. NO. 2 or the amino acid sequence of SEQ. ID. NO. 3, and an adjuvant or a pharmaceutically acceptable excipient, or a mixture thereof.

Please add new claim 23 as follows:

23. The pharmaceutical composition according to claim 18, further comprising one or more neuronal exocytosis inhibitors.